Approved For Release 1999/08/27 : CIA-RDP78-04133A000100060015-9

PACIFIC STATES STEEL CORP.

PHYSICAL AND CHEMICAL TEST REPORT

Date 2-21-53 19

Material

Inspected by

Customer Westco Steel Co.

Customer's Order No. 1814/1856 Our Order No. 1356/873 L. L. No. 19613/14 Car No. Ennes

SIZE	Heat No.	ORIGINAL AREA Size	ORIGINAL AREA Area	ELASTIC LIMIT Load in Lbs.	ELASTIC LIMIT Lbs. per Sq. In.	Ultimate Strength Load in Lbs.	Ultimate Strength Lbs. per Sq. In.	ELONGATION In 8 In.	ELONGATION Per Cent	Nature of Fracture	Bend Test	CHEMICAL ANALYSIS C	Mn	P	S
		3 Ton	3" 4.1# Channel												
	30420				47000		63000		28.0	Anf	OK	13	70	011	034
1	✓	5 Ton	2-1/2 X 1/1/2 X 1/4 "ngle												
	11648				49500		62500		24.0	Sq	OK	17	35	009	031

Remarks

We hereby certify the analyses described to be true and correct results obtained with standard approved methods.

PACIFIC STATES STEEL CORP.

Chief Chemist

F 6 20M 6-53 WC

Approved For Release 1999/08/27 : CIA-RDP78-04133A000100060015-9

Approved For Release 1999/08/27 : CIA-RDP78-04133A000100060015-9

PACIFIC STATES STEEL CORP.

PHYSICAL AND CHEMICAL TEST REPORT

Material .....

Date 10-26-53 19

Customer Westco Steel Co.

Inspected by .....

Customer's Order No. 1356 Our Order No. 49844 L. L. No. ..... Car No. .....

SIZE	Heat No.	ORIGINAL AREA		ELASTIC LIMIT		Ultimate Strength		ELONGATION		Nature of Fracture	Bend Test	CHEMICAL ANALYSIS			
		Size	Area	Load in Lbs.	Lbs. per Sq. In.	Load in Lbs.	Lbs. per Sq. In.	In 8 In.	Per Cent			C	Mn	P	S
		✓ 3 X 3 X 1/4 Angle													
	30444				49300		61800		23.0	Sq	OK	18	36	009	042
		3 X 3 X 3/16 Angle													
	11647				47000		60600		27.5	Ang	OK	18	30	008	027

Remarks .....

We hereby certify the analyses described to be true and correct results obtained with standard approved methods.

PACIFIC STATES STEEL CORP.

By O R Lynch

Chief Chemist

F 6 20M 6-53 WC

Approved For Release 1999/08/27 : CIA-RDP78-04133A000100060015-9

Approved For Release 1999/08/27 : CIA-RDP78-04133A000100060015-9

PS-17

BETHLEHEM PACIFIC COAST STEEL CORPORATION

So SF PLANT

BUREAU OF INSPECTIONS

RECORD OF PHYSICAL AND CHEMICAL TESTS

CUSTOMER'S NO. 1867

MILL ORDER NO. MAR 12167B

DELIVERY TAG NO.

BILLING DEPT. NO. JHA 3780 B

TESTED FOR Keeco Steel Co

TESTED BY Oakland

DATE TESTED

DATE SHIPPED 9-17-53

CAR NO. Truck

NO.

TEST CUT FROM	ORIGINAL DIMENSIONS	AREA	YIELD POINT		ULTIMATE		ELONGATION		REDUCED DIMENSIONS	REDUCTIONS		FRACTURE	BEND TEST	A OR R	SERIAL NO.	HEAT NO.	ANALYSIS			
			TESTING MACHINE	PER SQ. IN.	TESTING MACHINE	PER SQ. IN.	IN	%		AREA	%						CARBON	MANG.	PHOS.	SUL.
2X2X¼SS												OK	OK		2083		.18	.40	.012	.039

I certify the above results to be correct as contained in the records of the company.

J Bianco

Chief Metallurgist

Approved For Release 1999/08/27 : CIA-RDP78-04133A000100060015-9

GS-MC-MT1-B
(REV. 1-52)

COLUMBIA-GENEVA STEEL

Approved For Release 1999/08/27 : CIA-RDP78-04133A000100060015-9

UNITED STATES USS STEEL COMPANY

F 104

METALLURGICAL DEPARTMENT
GENEVA WORKS

REPORT OF CHEMICAL AND PHYSICAL TESTS OF ASTM A 7 SQT STRL. SHAPES DATE OCTOBER 4 19 52

CHARGED TO WESTCO STEEL CO. INC. OAKLAND, CALIFORNIA SHIPPING NOTICE NO. 44 02784/S 09926

SHIPPED TO SAME CAR INITIAL & NO. DRGW 30006

CUSTOMER'S ORDER NUMBER	MILL ORDER NUMBER	HEAT NUMBER	INGOT SLAB NO.	MATERIAL DESCRIPTION	C.	MN.	P.	S.	SI				TEST LOCATION	YIELD POINT POUNDS PER SQUARE IN.	TENSILE STRENGTH POUNDS PER SQUARE IN.	ELONG 8 IN. %	REDUCTION OF AREA %
17	F 104	74139	4	6" H-3 x 20.0 x 60'	.18	.73	.017	.034						42200	66100	30.5	
		63897	10	5" C-8 x 6.7 x 50'	.20	.72	.017	.038						49800	67000	27.5	
		13462	24	8" C-5 x 11.5 x 60'	.21	.83	.017	.033	.05					47800	69700	25.0	
		43823	15	4x4 A-4 x 6.6 x 55'	.21	.74	.010	.030	.07					47200	69600	27.0	
		43824	20	" " 9.8 "	.18	.70	.035	.045						46800	65700	36.0	

BEND TESTS CONFORM TO THE REQUIREMENTS OF THE SPECIFICATION LISTED ABOVE

STATE OF UTAH }
COUNTY OF UTAH } SS.

SUBSCRIBED AND SWORN TO BEFORE ME THIS 4TH DAY OF OCTOBER A. D., 19 52

NOTARY PUBLIC.

MY COMMISSION EXPIRES JUNE 6, 1955

THE SUBSCRIBER, W. A. FOULGER, BEING FIRST DULY SWORN BEFORE ME, A NOTARY PUBLIC IN AND FOR SAID COUNTY AND STATE, CERTIFIES THAT THE FIGURES SET FORTH ABOVE ARE CORRECT, AS CONTAINED IN THE RECORDS OF THE COMPANY.

SUPERVISOR PHYSICAL TESTING LABORATORY

Approved For Release 1999/08/27 : CIA-RDP78-04133A000100060015-9

2GM-221 REV. 153

UNITED STATES STEEL CORPORATION

Approved For Release 1999/08/27 : CIA-RDP78-04133A000100060015-9

OPERATING DEPARTMENT — METALLURGICAL DIVISION

CHICAGO DISTRICT

FILE NO. S-42545

Report of CHEMICAL and PHYSICAL Tests of O.H. STRUCTURAL SHAPES SOUTH WORKS NOV. 5 19 53

Charged to WESTCO STEEL CO. Shipping Notice 173-1-57349

Shipped to OAKLAND, CALIF. Car Number NYC-726598

Customer's Order No. and Date	Mill Order No.	Heat No.	Slab No.	ANALYSIS C	Mn	P	S				Test Piece Cut From	Yield Point lbs. per sq. in.	Tensile Strength lbs. per sq. in.	Elong. In 8" %	Red. of Area %	Bend Test
1853	UF-1583	245602		.19	.48	.008	.033				CBJ 6x8.5#	54460	71600	23.5		OK

We hereby certify that the above figures are correct as contained in the records of the company

E. W. PIERCE
CHIEF METALLURGIST

BY

Approved For Release 1999/08/27 : CIA-RDP78-04133A000100060015-9

2G-13006 REV. 153.

UNITED STATES STEEL CORPORATION

Approved For Release 1999/08/27 : CIA-RDP78-04133A000100060015-9

OPERATING DEPARTMENT—METALLURGICAL DIVISION

CHICAGO DISTRICT FILE NO. S-39509

Report of CHEMICAL and PHYSICAL Tests of O.H. STRUCTURAL SHAPES SOUTH WORKS OCTOBER 2, 1953

Charged to WESTCO STEEL CO. Shipping Notice 173-1-50330-31

Shipped to OAKLAND, CALIF. Car Number RDG-30144

Customer's Order No. and Date	Mill Order No.	Heat No.	Slab No.	ANALYSIS C	Mn	P	S			✓	Test Piece Cut From	Yield Point lbs. per sq. in.	Tensile Strength lbs. per sq. in.	Elong. In 8" %	Red. of Area %	Bend Test
1853	UF-1583	116277		.19	.62	.009	.027			✓	CB 122x40#	45230	64500	32.0		OK
〃		256271		.20	.69	.017	.025				〃 〃	39870	62090	28.0		OK
		296134		.16	.58	.007	.027			✓	〃 121x27#	46040	63150	28.0		OK
		306133		.20	.47	.008	.023				〃 〃	43790	62030	32.0		OK
		405873		.24	.77	.009	.031				〃 〃	43450	67020	25.5		OK
		385996		.20	.65	.008	.032			✓	〃 101x29#	46160	67710	29.5		OK
		296172		.18	.52	.011	.031			✓	〃 82x24#	57170	67710	21.7		OK
		245571		.19	.60	.016	.029				〃 〃	48620	70180	25.7		OK
		265870		.17	.50	.020	.034			✓	CBS 6x15.5#	42160	62680	30.0		OK
〃		375925		.20	.47	.009	.035				〃 〃	42480	63590	29.5		OK
		296161		.21	.48	.011	.040				〃 〃	42220	62230	28.0		OK

STATE OF ILLINOIS
COUNTY OF COOK } ss

Subscribed and sworn to before me this 2nd day of OCTOBER A. D., 19 53

Notary Public

My Commission expires 11/6/57

The subscriber, D. KLINE, being first duly sworn before me, a Notary Public in and for said County and State, certifies that the figures set forth above are correct, as contained in the records of the company.

D. Kline

E. W. PIERCE
CHIEF METALLURGIST
BY DK

2

Approved For Release 1999/08/27 : CIA-RDP78-04133A000100060015-9

GS-MCI-411-B
(REV. 1-53)

4

CHF-1155

COLUMBIA-GENEVA STEEL DIVISION
UNITED STATES (USS) STEEL CORPORATION

METALLURGICAL DEPARTMENT
GENEVA WORKS

Approved For Release 1999/08/27 : CIA-RDP78-04133A000100060015-9

REPORT OF CHEMICAL AND PHYSICAL TESTS OF ASTM A*7-50T STRL PLATES DATE MARCH 9 19 53

CHARGED TO WESTCO STEEL COMPANY, OAKLAND, CALIFORNIA SHIPPING NOTICE NO. 43-05568/P-51924

SHIPPED TO SAME CAR INITIAL & NO. FIT #4467

CUSTOMER'S ORDER NUMBER	MILL ORDER NUMBER	HEAT NUMBER	INGOT SLAB NO.	MATERIAL DESCRIPTION	C.	MN.	P.	S.					TEST LOCATION	YIELD POINT POUNDS PER SQUARE IN.	TENSILE STRENGTH POUNDS PER SQUARE IN.	ELONG IN 8" %	REDUCTION OF AREA %
1820	CHF-1155	289717	2-2	1/4 x 84 x 360	.18	.48	.012	.043					BL	50000	69200	26.5	
		93785	9-5	" " "	.22	.42	.009	.032						43800	62000	30.0	
		54150	3-2	" " "	.19	.47	.011	.036						43100	64100	26.5	
		13849	14-1	3/8 x 96 x 360	.20	.71	.020	.040						38400	66200	32.0	
		13792	11-4	" " "	.20	.72	.008	.038						45600	64700	30.0	
		83946	8-3	1/2 x 84 x 344	.28	.41	.010	.033						37600	66300	29.5	

BEND TESTS CONFORM TO THE REQUIREMENTS OF THE SPECIFICATION LISTED ABOVE

STATE OF UTAH
COUNTY OF UTAH } ss.

SUBSCRIBED AND SWORN TO BEFORE ME THIS 9th DAY OF MARCH A. D. 19 53

F. M. Courtney NOTARY PUBLIC.

MY COMMISSION EXPIRES June 4, 1955

THE SUBSCRIBER, T. FOULGER, BEING FIRST DULY SWORN BEFORE ME, A NOTARY PUBLIC IN AND FOR SAID COUNTY AND STATE, CERTIFIES THAT THE FIGURES SET FORTH ABOVE ARE CORRECT, AS CONTAINED IN THE RECORDS OF THE CORPORATION.

T. Foulger
SUPERVISOR PHYSICAL TESTING LABORATORY

Approved For Release 1999/08/27 : CIA-RDP78-04133A000100060015-9

Approved For Release 1999/08/27 : CIA-RDP78-04133A000100060015-9

2G-13006

UNITED STATES STEEL COMPANY

OPERATING DEPARTMENT—METALLURGICAL DIVISION

CHICAGO DISTRICT

FILE NO. [illegible]-36062

Report of CHEMICAL and PHYSICAL Tests of O.H. STRUCTURAL SHAPES SOUTH WORKS OCTOBER 24 1952

Charged to WESTCO STEEL CO. Shipping Notice 173-1-36827

Shipped to OAKLAND, CALIF. Car Number DRGW-30139

Customer's Order No. and Date	Mill Order No.	Heat No.	Slab No.	ANALYSIS C	Mn	P	S				Test Piece Cut From	Yield Point lbs. per sq. in.	Tensile Strength lbs. per sq. in.	Elong. In 8" %	Red. of Area %	Bend Test
1797	UF-620A	395396		.24	.64	.012	.030				CH-1½x1½x3/	49450	71330	26.5		OK
"	"	385284		.19	.64	.012	.037			✓	" 10½x2½/	50480	67510	28.2		OK
"	"	385370		.20	.53	.011	.035				" "	45370	66470	27.0		OK
"	"	335401		.18	.59	.014	.034				" "	46220	65270	27.5		OK
"	"	375216		.23	.61	.013	.035				" 8½x17/	46650	69100	27.0		OK
"	"	214064		.24	.69	.015	.032				" "	43900	71040	24.5		OK
"	"	385265		.19	.32	.007	.028				" "	49250	64760	26.0		OK
"	"	214086		.19	.52	.024	.034				" 12x19/	50910	70860	25.0		OK
"	"	264279		.21	.53	.013	.035				" "	46720	68680	28.5		OK
"	"	315164		.21	.60	.009	.044				" 16½x40/	41950	64720	25.0		OK

STATE OF ILLINOIS }
COUNTY OF COOK } ss

Subscribed and sworn to before me this 24th day of OCTOBER A. D., 1952

R. Wleczynska Notary Public

My Commission expires MAY 23 1955

The subscriber, E. MENDIK, being first duly sworn before me, a Notary Public in and for said County and State, certifies that the figures set forth above are correct, as contained in the records of the company.

E. Mendik

E. W. PIERCE
CHIEF METALLURGIST

BY [illegible]

Approved For Release 1999/08/27 : CIA-RDP78-04133A000100060015-9